

**Notice of Allowability**

Application No.

10/050,537

Examiner

Joseph L. Williams

Applicant(s)

IGUCHI ET AL.

Art Unit

2879

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03 March 2003.
  2. ☒ The allowed claim(s) is/are 5-19.
  3. ☒ The drawings filed on 18 November 2002 are accepted by the Examiner.
  4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) ☒ All b) ☐ Some\* c) ☐ None of the:
      1. ☒ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
    - (a) ☐ The translation of the foreign language provisional application has been received.
  6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)  | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____               | 6 <input type="checkbox"/> Examiner's Amendment/Comment                             |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|  | 9 <input type="checkbox"/> Other  |

### **DETAILED ACTION**

Amendment B, filed 03 March 2003 has been entered.

Amendment B overcomes the rejections of claims 1-16.

### ***Allowable Subject Matter***

1. Claims 5-19 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 7, the prior art of record neither shows nor suggest a cathode ray tube comprised of, in part, a glass bulb having a skirt portion in which both an external surface and an internal surface of an effective display area of a faceplate are substantially flat and the faceplate in the effective display area is substantially uniform in thickness; an a color selection mechanism having a curvature projected toward the faceplate provided opposed to an internal surface of the faceplate within the glass bulb.

Regarding independent claim 10, the prior art of record neither shows nor suggest a cathode ray tube comprised of, in part, the projected curvature of the color selection mask being larger than the recessed curvature of the internal surface of the face plate.

Regarding independent claim 12, the prior art of record neither shows nor suggest a cathode ray tube comprised of, in part, a glass bulb having a skirt portion in which an external surface of an effective display area of a faceplate is substantially flat and the thickness of the effective display area of the face plate is substantially uniform;

an a color selection mechanism having a curvature projected toward the faceplate provided opposed to an internal surface of the faceplate within the glass bulb.

Regarding independent claim 14, the prior art of record neither shows nor suggest a cathode ray tube comprised of, in part, a thickness  $T$  of a peripheral area in a horizontal direction of the effective display area of the face plate is selected as  $T = 1.2T_0$  to  $1.3T_0$  where  $T_0$  is a thickness of a center of the effective display area.

Regarding independent claim 17, the prior art of record neither shows nor suggest a cathode ray tube comprised of, in part, the faceplate is visually flat by means of the refraction effect.

Due to their dependency, claims 5, 6, 8, 9, 11, 13, 15, 16, 18, and 19 are necessarily allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


#### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph L. Williams whose telephone number is (703) 305-1670. The examiner can normally be reached on M-F (6:30 AM-3:00 PM).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (703) 305-4794. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7382 for regular communications and (703) 308-7382 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

  
JOSEPH WILLIAMS  
PRIMARY EXAMINER